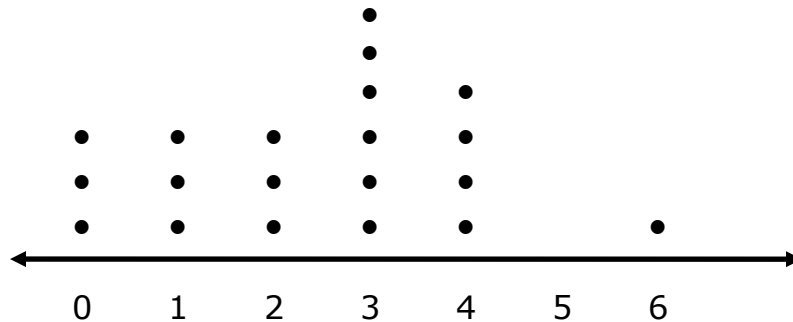


Name \_\_\_\_\_

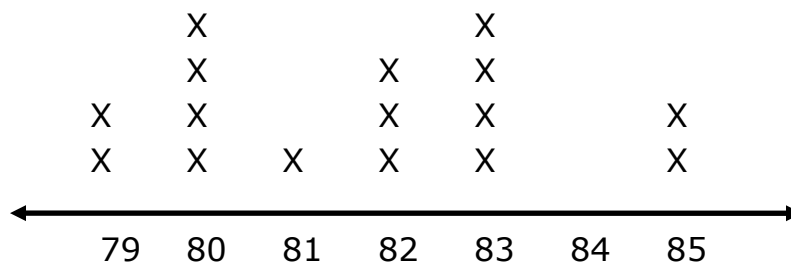
## Dot Plot Worksheet

1. The students in one social studies class were asked how many brothers and sisters (siblings) they each have. The dot plot here shows the results.



- a. How many of the students have six siblings?  
b. How many of the students have no siblings?  
c. How many of the students have three or more siblings?

2. The resting pulse rates were recorded for 16 boys in gym class before they exercised. The line plot here shows the results.



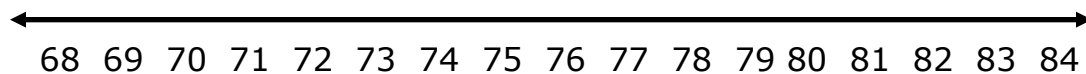
- a. What is the range of the pulse rates?  
b. How many boys had a pulse rate over 81?  
c. How many boys had a pulse rate of 83?

- d. How many boys had a pulse rate of at most 82?
3. The height's of 20 basketball players, in inches, are given below.

**68, 70, 70, 71, 75, 80, 81, 82, 84, 75**

**75, 80, 75, 77, 75, 80, 83, 80, 71, 70**

- a) Make a **dot plot** using the number line below.

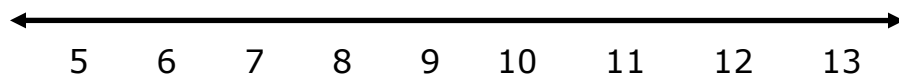


- b) What is the spread (range) of the data?
- c) What is the mode of the data?
- d) How many players are greater than 70 inches tall?

4. The ages of 22 students in a karate class are given below.

**11, 5, 9, 13, 8, 9, 9, 11, 10, 8, 6, 7,**  
**12, 11, 13, 12, 7, 6, 11, 12, 10, 8**

a) Make a **line plot** using the number line below.



b) What is the spread (range) of the data?

c) What is the mode of the data?

d) How many students are *at least* 10 years old?